Liquid crystal displayer with wide visual angle

Patent number:

CN1252532

Publication date:

2000-05-10

Inventor:

SUNG-BOM PARK (KR); GYONG-HYON KIM (KR);

KYOO-HON LEE (KR)

Applicant:

SAMSUNG ELECTRONICS CO LTD (KR)

Classification:

- international:

G02F1/1343

- european:

Application number: CN19990121349 19991013 Priority number(s): KR19980042709 19981013

.Abstract not available for CN1252532 Abstract of correspondent: **EP0994379**

In a vertically aligned mode LCD, a gate line and a storage line are formed on a substrate in parallel, and a storage electrode and a cover pattern are formed as branches of the storage line. The storage electrode is overlapped with an aperture of a common electrode formed on an upper substrate. The cover pattern is located between a pixel electrode and a data line to prevent a light leakage. Accordingly, an alignment error margin of the upper substrate and the lower substrate is increased, an aperture ratio is enhanced, and repairing the high pixel defect is possible. Further, the light leakage caused by a voltage of the data line is prevented.

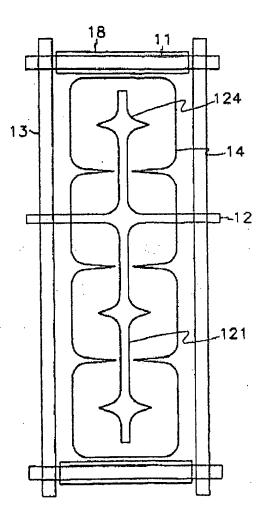
Also published as:



EP0994379 (A2) US6577366 (B1) JP2000122080 (A)

31 2000 122000 (A)

FIG.1A



Data supplied from the **esp@cenet** database - Worldwide